



The Blurb



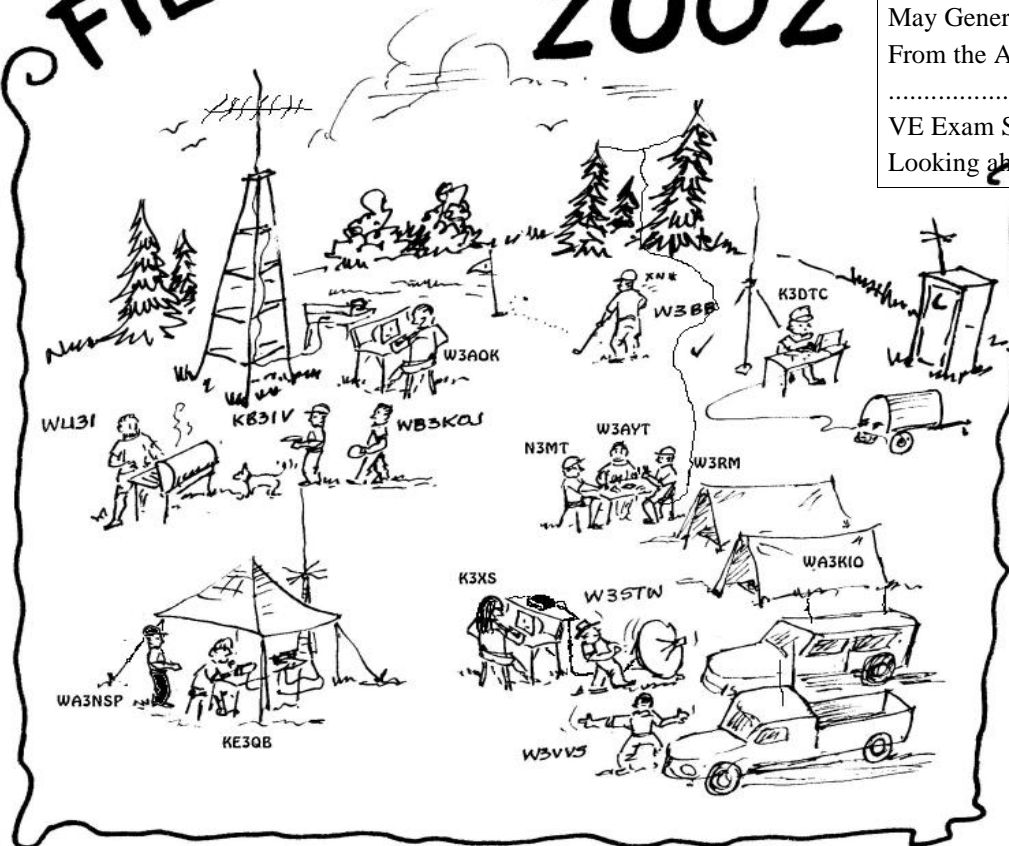
Newsletter of The Phil–Mont Mobile Radio Club
Public Service Since 1949

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June 2002

FIELD DAY... 2002



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The Blurb is published monthly by, and for, the members of **The PHIL-MONT MOBILE RADIO CLUB, INC.** whose purpose is to promote Amateur Radio in general, and Mobile Radio in particular. *Copying and quoting* is permitted with a credit line. We gladly exchange publications with other amateur radio clubs. Requests should be sent to the Editor. *Subscriptions* are available to non-members for \$10, addressed to the Treasurer.

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Field Day: WU3I
Internet: WU3I
Membership: W3LEN
Net Control: KB3IV
Publicity: W3RM
Program: Club VP
Public Service: W3CH & W3WF

Refreshments: W3AOK
Repeater: W3BBB
Skywarn: WX3PHI
Sunshine: WU3I
Youth: N3MT
TVI: W3VVS
VE Program: ND3Q
W3AA Trustee: WU3I
Welcome: K3CJ.

Directors:

**WU3I (02), W3RM (02),
W3BBB(03), N3MT (03),
N3XKE (02), W3AOK(03),
W3WF (A)**

The club meets at 7:30 PM
on the second non-holiday
Wednesday of every month at
The Franklin Institute Science
Museum, Benjamin Franklin
Parkway at 20th Street,
Philadelphia. Enter from Winter
Street or the parking garage on 21st
street.

All visitors are welcome!

License Examinations

are held on the first non-holiday
Thursday of every month at The
Franklin Institute Science Museum.
Registration finishes at 6 p.m.
Doors close at 6:30 PM-SHARP!

Club Stations

W3AA – The club sponsors this
**world-class demonstration
station** at The Franklin Institute
Science Museum. and welcomes all
licensed amateurs to operate.

Trustee: WU3I

Manager: W3STW

email: w3aa@phil.mont.org

packet BBS: 144.99 MHz

w3aa@w3aa.#sepa.pa.usa.noam

W3EM – Field Day and special
events station – **Trustee W3VVS**

W3QV – Club Repeater

Ridge & Port Royal Avenues,
Philadelphia, PA

Trustee: W3BBB

147.03 MHz + PL 91.5 Hz
444.80 MHz rx PL 186.2 Hz
Club Simplex: 147.51 MHz

Sunday Morning Net Schedules

- **2 Meter Net** at 09:30et on W3QV repeater
- **10-on-10 Net** at 10:00et 28.393 MHz USB (±QRM)
- **75 meter Net** at 10:20et 3.993 MHz LSB

The following was distributed at the May General Meeting.

PHIL-MONT MOBILE RADIO CLUB, Inc.
P. O. Box 88 Abington, PA 19001
May 15, 2002

The Museum has informed us that the long anticipated demolition of the Fourth floor will begin in January. The entire floor will be converted to offices. A space for our exhibit will not be available until the lower floors are renovated in 2005.

With regret, the Board of Directors must announce the end of an era. We have been exhibitors at the Institute for over 51 years. The Board felt our current equipment will be obsolete in 2005. Also the proposed location is too small and too far from the antennas.

Our association with the Franklin Institute began in 1945 when Dr. Wynn Laurence LePage, W3QCV, was Vice-president of the Institute. From the beginning our volunteers have entertained and educated visitors with the story of amateur radio. Originally we had a modest transmitter and receiver on a card table but the station was constantly improved by the hard work of our members culminating with a \$50,000 overhaul in 1991.

From humble beginnings of a transmitter and receiver on a card table to our present \$ 50,000 overhaul of the station in 1991, we have entertained and educated visitors with the story of what Amateur Radio is all about. Our volunteers have spent countless hours in this endeavor.

Further, our use of the Choices Forum for meetings and our space at the Institute for VE testing will no longer be available. We are asking all members for suggestions for a meeting room and space for Dusty, ND3Q, to hold his monthly VE testing. If you have any solution for our problem, contact any Board member. Phil-Mont will survive this setback with the help of all members.

The museum has informed us that due to the level of construction there is no storage space in the Building and the equipment must be removed. The Ham Radio Equipment will be removed and I urge all volunteers to remove their personal property by September.

This is an exact copy of the handout we distributed on Meeting night. We are still inquiring with the museum about meeting space since it is planned to re open the exhibit in 2005. Further information will appear here or feel free to contact a

Board member. If you have interest in a particular piece of equipment please contact me off the radio I am keeping a list.

de WU3I.

"Aruba Scuba" DXpedition Update de W3RM es N3MT

Hello, all...

Had so much fun operating from the Turks and Caicos Islands (VP5) last June, that we've decided to try much the same kind of trip again this year. This time, however, it will be from the Dutch island of Aruba, 15 miles off the north coast of Venezuela. (Prefix P4).

Michael, N3MT, and I have arranged to use the cottage and station of Carl Cook, AI6V and P40V, from May 29 through June 19. Carl's well-known contest station is equipped with three towers supporting individual monoband beams on 40, 20, 15, 10 and 6 meters; a Force-12, fourteen-element triband beam; and wire antennas on 80 and 160. We plan to operate all those bands, conditions permitting.

Equipment includes a Yaesu FT-1000-D, Icom 756-PRO II, and Alpha 87A amplifier. Should be a "dream" station to operate, and we're looking forward to it. We've obtained Dutch licenses, and will be signing P40MT and P40RM. (We will both use both calls, depending on the band...so you'll have to guess who's operating!)

Hope you'll listen for us, and give us some contacts. Try about 24 KHz above the low end of each CW band segment...when the band is "hot", we'll work split, listening "up" about 2 KHz. On SSB, try the lowend of the general band

segments. We will listen for 6-meter openings on 50.110 Mz.

Expect to keep daily skeds with friends and club members on 20 phone, at 2100Z (5:00 pm EDST), try 14,225 to 14,250....most days.

We plan to operate every day...but some days we'll be off scuba diving, mornings and/or afternoons. We should be on most every evening and night.

Looking forward to hearing you from down there. 73,

Dick, W3RM (P40RM) and
Mike, N3MT (P40MT)

WT3P addresses PhilMont meeting

Reacting to the news of W3AA's demise at the Franklin Institute with "Don't this just beat all!?", ARRL Vice President Kay Craigie, WT3P addressed us at the May PMRC meeting on a number of topics.

She brought news on the new "Amateur Radio Emergency Communications Consistency Act." (H.R. 4720) introduced in Congress by Rep Steve Israel (D-NY) and cosponsors Rep Greg Walden, WB7OCE (R-OR)—the only Amateur Radio operator in Congress—and Rep Pete Sessions (R-TX).

The full text of the measure is: "For purposes of the Federal Communications Commission's regulation relating to station antenna structures in the Amateur Radio Service (47 CFR 97.15), any



private land use rules applicable to such structures shall be treated as a state or local regulation and shall be subject to the same requirements and limitations as a state or local regulation." This would bring private covenants and restrictions (CC&Rs) under the "reasonable accommodation" requirements of the limited federal preemption known as PRB-1.

All hams are encouraged to contact their congressional representatives in support of this bill.

Also discussed were evolution of the development and fund-raising staff at ARRL, as well as the new NPRM 02-98, which proposes to create new amateur allocations at 5 MHz and 136 kHz.

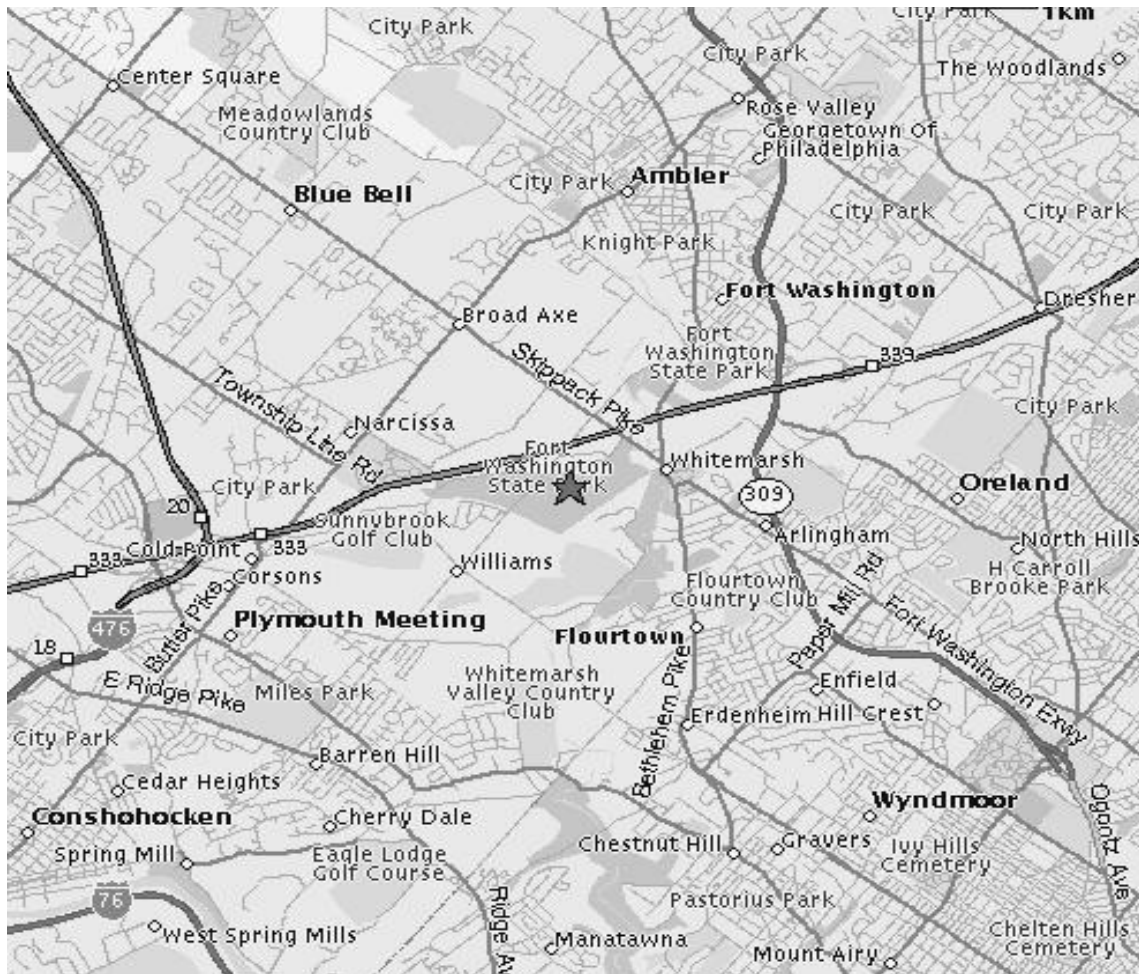
If eventually approved, the 5 MHz band would be the first new HF allocation since the early 1980s, when amateurs got 30, 17 and 12 meters. The LF allocation would be the first ever for US hams.

Field Day Report

Well it's down to the home stretch and we are still getting lists together. Please stop in to the June meeting where the Menu will be revealed. If you have not contacted me as to participating please let me know when you will be attending and if you will be joining us for meals. The shirts are in and I would like to get yours to you and collect your money.

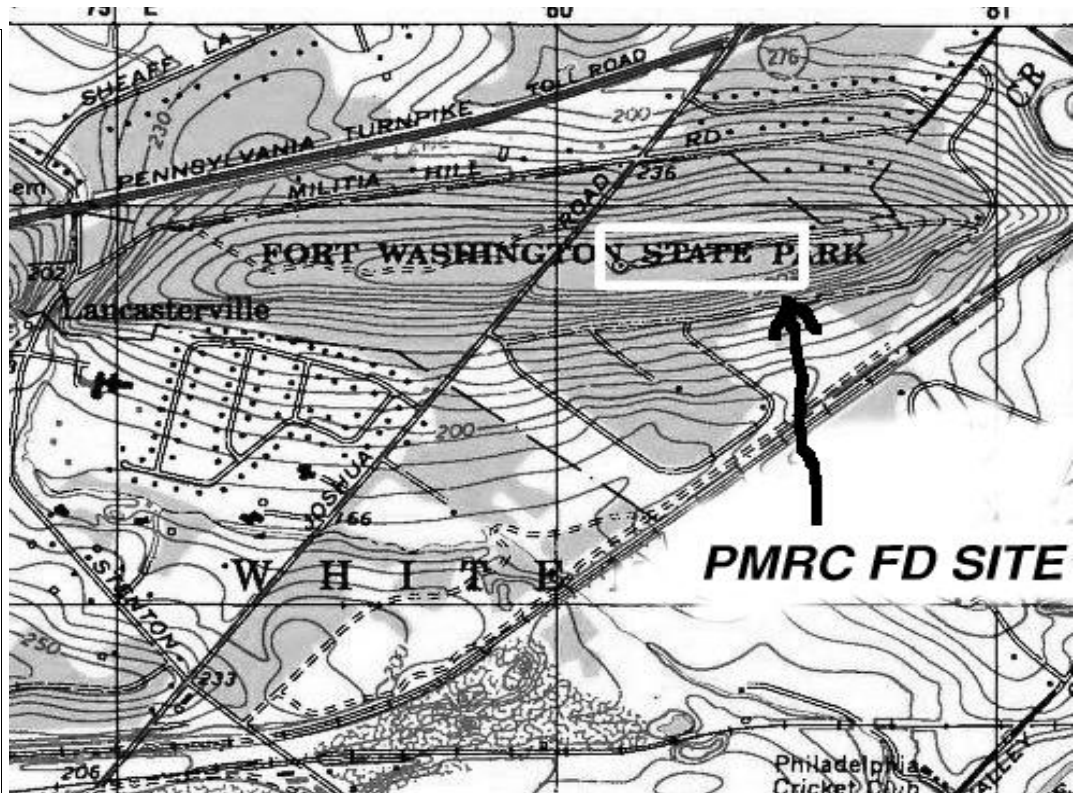
This month's program will answer any of your questions about Field Day if not by me by others who will correct me when I err. Please stop down and enjoy the last general meeting before the summer Break. Remember no meetings in July and August.

Steve WU3I



PMRC 2002 Field Day Band Captains

75/80m	W3AYT
40m	N3MT & W3RM
20m	K3DTC
15m	WA3NSP
10m	KE3QB
VHF/UHF	W3AOK
HF digital	WA3KIO
Satellite, Packet, Demonstration	K3XS & NG3P with W3STW on antennas and WU3I on amplifiers



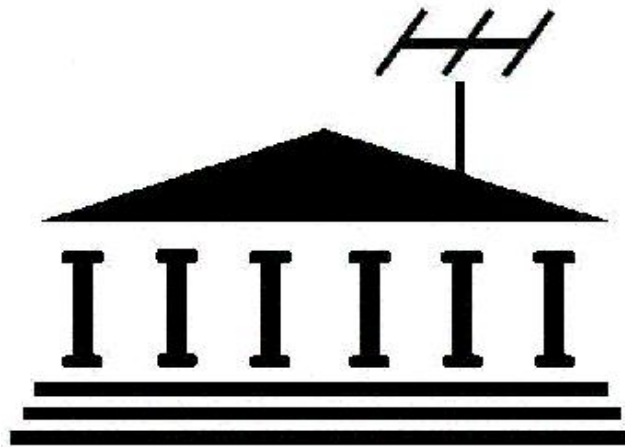
International Museums Weekend 2002

You, your club, along with your local museum are invited to take part in the first 'International Museums Weekend 2002', which will take place on the third weekend in June (15th & 16th) 2002.

The intention of the event is to set up amateur radio special event stations at as many of the museums as possible throughout the whole of the world. I would hope for an HF, VHF, and if at all possible, a Ui-View (APRS) packet station to be set up at each museum site, but the scope of your station is entirely up to you. The choice of museum is also left very much up to you, however aim for the largest or most unusual you can find.

During the first 'Museums Event' over 50 museums ranging from the Orkneys in the North of Scotland, to the to the Channel Islands in the most southern part of the UK, took part on the 2nd and 3rd of June 2001. These ranged from Secret Nuclear Defence Bunkers to the prestigious National Royal Armouries Museum in Leeds. A couple of the stations were in tiny village museums, one of which was manned by a single lone operator. These were accompanied by a great number of military museum sites, such as HMS Belfast in London. A number of museums from outside the UK, wanted to to take part, so it was decided to make 2002 an International event.

June 15-16, 2002



International Museums Weekend

The event proved to be extremely popular and well supported special event amongst the UK radio amateur population. It also went down very well at the museums which were used as the venues for the event, and invitations have been extended for 2002. It was a tremendous public relations exercise, as well as all of us having lots of fun over the weekend.

I would like to say a big thanks to all those who have already agreed to join us for the the event. A special thanks also to Alec, Ian, Maggie and Nigel who have donated a little of their spare time to ensure the continued smooth running of the event.

This event is being organised by Harry M1BYT, at Garforth, W. Yorks, UK, and the help and assistance of several local amateur radio clubs.

Those clubs and museums which do decide to take part, can register on-line at <http://www.ukradioamateur.org/imw/>

The 'Registration' is simply to assist us in administration of the events Award scheme, and provide those taking part with an indication of how many and exactly where the museums taking part are located. The small amount of money left over from the Award scheme, is to be donated to a registered UK children's charity.

At least part of the intention for this event, will be to present modern amateur radio to members of the public and to help shed us of the stuffy anorak image. What better place to do this than in the very public and well visited areas of the many museums which can be found in most parts of the world?

<http://www.ukradioamateur.org/imw/>
email harry_m1byt@ntlworld.com
Or telephone Harry (M1BYT) on +44 (0)113 2866 897

May Philmont Board Of Directors Meeting

The May meeting was held at the home of Mike K2BN and Alice WA2BTB. Attending were Ed KB3IV, Jim W3BBB, Dick W3RM, Steve WU3I, Fred WA3KIO, Al W3STW, Mike K2BN, Mike N3MT, and Bill W3AOK.

Mike K2BN gave the financial report. We are where we should be and the club is doing fine. Mike and Alice will be leaving Pennsylvania around October 1st so a new treasurer will be needed. Jim W3BBB made a motion to accept Dick W3RM to serve as interim

Treasurer with Mike N3MT assistant treasurer as of June 30th. Ed seconded it.

Jim W3BBB stated the repeater is working. We are still waiting for the UHF final to come in to get UHF back and running.

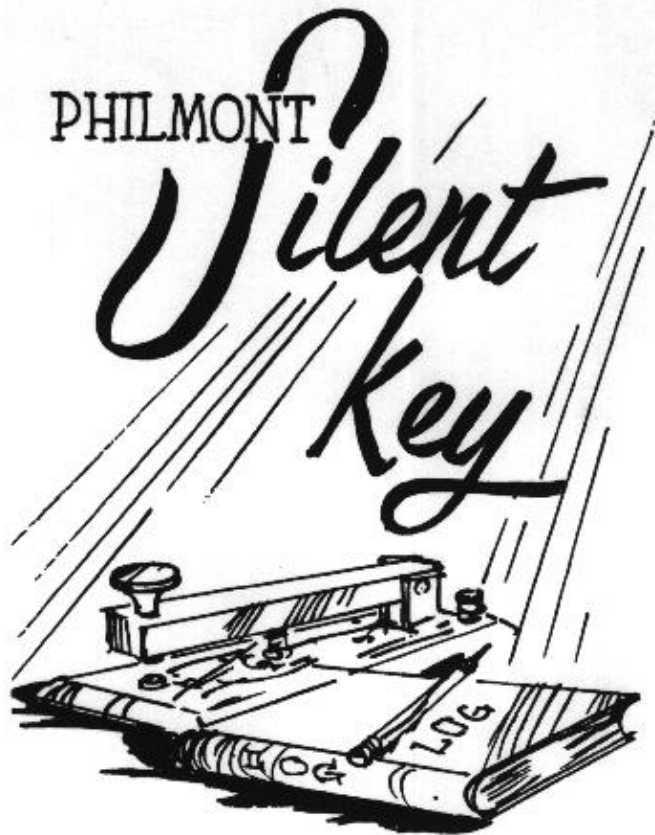
Steve WU3I reported that the deadline has passed for Field Day pins and shirts. Everyone who is signed up for shirts is also signed up for Field Day. Only the meals are left to be determined.

Al W3STW brought up having a permanent meeting place for the board meeting. With one more meeting being held at the home of W3BBB in June, a location is being looked into for September and beyond.

W3RM reported that June 1st is the last day to get an application in for the scholarship fund with May 1st being the last day to get an application.

Steve WU3I reported on the status with the Franklin Institute. By the end of this year, we will be out of the FISM for W3AA, V.E. testing, and general meetings in Choices Forum.

The FISM is going ahead with plans to convert the 4th floor to offices. We may be offered a spot in 2005 but the length of coax needed will be prohibitive. We will be looking for new locations for general meetings and for V.E. testing. It will brought to the general membership to help look for a new meeting place. Steve WU3I will contact the volunteers at W3AA. There will be more about this in the June Blurb.



Jim Bock—K3PHC
December 9, 1926—May 7, 2002

An application for membership from Harry Eberlin WA3AZS was voted on. It was moved that he would be accepted. Dick W3RM seconded it. Welcome Harry. At 9:53pm Al W3STW made the motion to adjourn the meeting. Mike K2BN seconded it. Thanks to Mike and Alice for hosting the meeting.

73 de WA3KIO

May General Meeting

Welcome: Charlye K3CJ reported 24 people in attendance. Ed KB3IV called the meeting to order at 8:00pm.

Nets: Ed is looking for net controls. If interested, see Ed who can always find room. Please support our nets and check in.

Emergency Coordinator: Gene N3XKE – All is well.

Scholarship Program: Dick W3RM reported things are well underway. May 1st was the deadline for getting applications. The deadline for getting applications filed is June 1st. Winners should be known by June 30th.

DX: Dick W3RM reported that Mike N3MT and himself would be operating as P40RM and P40MT from Aruba. They would appreciate making contacts from members.

Field day: Steve WU3I gave out tee shirts and pins to those who ordered them. He is looking for those who will be attending and those who will be present for meals.

Website: Maggie K3XS has redone the cover page and Steve has added updates on the MS150. As he gets new information, it will be added.

Sunshine: Steve WU3I reported the passing of former Philmont member Jim Bock K3PHC.

W3AA: Steve WU3I reported the impending closing of W3AA. There will be more about this, V.E. testing and general meetings in the Blurb.

At this time, Al W3STW introduced our guest speaker, the Vice President of the ARRL, Kay Craigie WT3P.

From the ARRL EPA section news

Temple Undergraduates Awarded 'best senior design' project
A team of 4 undergraduates from Temple University's Electrical & Computer Engineering Department

was awarded the 'best senior design' project. Their project involved amateur radio satellites. There were fourteen other ECE undergraduate projects. The team was featured on WPVI-TV, ABC6, Philadelphia on April 30th.

Supervising the group was Professor Dennis Silage, K3DS. Silage says "My effort is to instill in undergraduate programs at other colleges and universities without a significant amateur radio presence that such 'ham radio' projects are more professionally rewarding than other customary senior projects, such as 'robotics'."

Two of the for students are now studying for their amateur radio licenses. Congratulations to Michael Altomari, Robert Esposito, Mark Renner, and Carl Waitz (leader). See picture below.

DFing in WW1 – A Philadelphia Connection Naval Radio School at Broad and Cherry Streets.

Commander Thomas Appleby started the "Philadelphia School of Wireless Telegraphy" in 1911. He wrote the curriculum and taught about 500 operators. United Wireless furnished them a station assigned them the callsign "PW" (in the days before K and W prefixes), and all of the ops went to United. It took six months to complete the course and graduate with a



197th Monthly Phil-Mont

VE Exam Session Statistics for May 2 2002

Fifteen candidates took twenty elements, and we had seven upgrades and six new hams. The VE team was chaired by Dusty Rhoads **ND3Q**, and the other participating VEs were

:

Jim McCloskey **NS3K**

Jeff Kerber **N3VE**

Bob Freer **W3YLT**

Pete Butler **WB2B**

Upcoming Exam Sessions:

June 6, July 11, August 1, 2002

(See page 2 for details)

Looks like the month of May took ten (10) days to process. I mailed the results in on Thursday night May 2, 2002. It has been posted May 14, 2002. Another month, and another great job by the VE TEAM !!

SPECIAL NOTICE :

Second Thursday of the month July 11, 2002, due to Fourth of July Holiday.

proficiency of 20 five letter groups per minute.

During W.W.I, the school was taken over by the Navy and approximately 1000 naval radiomen were trained. After graduating from this school the Navy sent most of the students to another school at Harvard University. Appleby was responsible for constructing the Navy's system of Direction Finding

stations on the east coast. They were assign the task of DFing submarines during WW1.

Three EPA Residents Join CQ Amateur Radio Hall of Fame's "Class" of 2002.

(Dayton, Ohio) — CQ Amateur Radio magazine today announced the second group of inductees into the CQ Amateur Radio Hall of Fame. The Amateur Radio Hall of Fame was established in January, 2001, to recognize those individuals, whether licensed radio amateurs or not, who significantly affected the course of amateur radio; and radio amateurs who, in the course of their professional lives, had a significant impact on their professions or on world affairs.

Members joining this year's 'Class' who have ties to Eastern PA are Paul Baran, W3KAS; Ed Clegg, W3LOY/W2LOY/ W8LOY; and Fr. Josef Murgas.

Paul Baran, W3KAS, invented packet switching, basis of internet and other modern communication networks. He also developed the first telemetry equipment for NASA. Baran graduated from Drexel University. Click for further info on Paul Baran.

Ed Clegg, W3LOY/W2LOY/W8LOY, was a VHF radio designer. He founded Clegg Communications, one of the early and popular amateur VHF radio manufacturers. Clegg Communications was located in Lancaster, PA. Among his designs were the Clegg Zeuss transmitter and companion Interceptor receiver,

the FM 27–28 transceivers, the Clegg 99er 6–meter rig and the AV–44 All Bander receiving converter. Clegg retired to Ohio in the early 1990s.

Father Joseph Murgas was the first person to successfully transmit over land (April 27, 1905) and develop a tone system for use in radio transmission. Some say Marconi used his methods for effective overland radio communication. Murgas holds 17 patents including the rotary spark gap. The Murgas

Amateur Radio Club was named after the priest. Click here for additional info on Father Murgas.

This year 44 people joined the inaugural group of 50 who were inducted last year. CQ's Amateur Radio Hall of Fame is one of three halls of fame administered by the magazine. (Info via CQ and WA3PZO)



Membership Stats

At press time P.M.R.C. has:

- 116 Fully–paid members
- 12 Family Members
- 3 Youth members
- 2 Honorary Members
- 1 Pending Member:

Robert "Bob" E. Hill KB3HNB (general)
 912 Waverly Street Philadelphia PA 19133
 Occupation: Software Developer
 Home: 215–829–1873 Work: 215–283–5530
 E–mail: robert_hill2@merckmedco.com
 Committees DX, REPEATER & TECH.

June Birthdays

- 03 Sandy Lewis (XYL N3DGU)
- 04 Dick Moll – W3RM
 Sue Sadwin – N2CYA
- 06 Chuck Hillman – K3QLY
- 10 Thomas Maresca
 (OM K3YPH)
- 11 Marc Zaharchuk –
 WA3CRM
- 12 Miriam Elmaleh – K3UJI
 (XYL K3HIJ)
- 19 Marie Rhoads (XYL ND3Q)
- 23 Temple Rykaczewski
 (XYL W3ALM)
- 24 Anthony Vece – W2AJV
- 28 Betsy Reichert – N3EBE
- 30 Mike Lenczynski – KA3EIP
 Fred Rice – WA3KIO

Don't forget! 2002 Licence Expirations:

July–AA3BB August.–KE3QB
 October.–W3CH, KB3AFH December–KA3EIP

Looking ahead...

We're planning on topics to focus on in future issues:

July DX and paper chasing
August Satellites and space
September MS150 and public service

We're always open to input and suggestions for topics of interest to our readers, and welcome submissions. Drop your editors a line at k3xs@arrl.net

June 2002	
Date	Event
Sat 01	
Sun 02	NCS: 2m:WA3NSP-10m W3AA-75m W2AJV
Mon 03	
Tue 04	
Wed 05	PMRC Board of Directors Meets
Thu 06	Licence Exams--6pm--see page 2
Fri 07	
Sat 08	
Sun 09	NCS: 2m:N3OWM-10m W3AA-75m WA3KIO
Mon 10	
Tue 11	
Wed 12	
Thu 13	
Fri 14	
Sat 15	
Sun 16	Father's Day--NCS: 2m:KB3IV-10m W3AA-75m KB3IV
Mon 17	
Tue 18	
Wed 19	
Thu 20	
Fri 21	
Sat 22	
Sun 23	NCS: 2m:N3FTY-10m W3AA-75m NG3P
Mon 24	
Tue 25	
Wed 26	
Thu 27	
Fri 28	
Sat 29	
Sun 30	NCS: 2m:W3BBB-10m W3AA-75m W3BBB

First Class Mail

The Phil-Mont Mobile Radio Club, Inc
641 Kismet Road Philadelphia PA 19115

The Blue